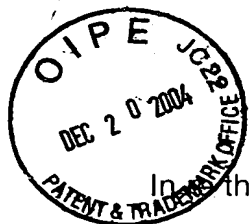


IFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of **Paul Herron, et al.**  
Application No. 10/632,398  
Attorney Docket No. 0380-P02960US1  
Filed: July 31, 2003  
For: METHODS AND MATERIALS FOR  
GENERATING GENETIC DISRUPTIONS IN  
BACTERIAL CELLS  
Examiner: Not yet assigned  
Group Art Unit: 1645

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this Correspondence is being deposited on the date identified below with the United States Postal Service as first-class mail in an envelope properly addressed to Mail Stop Amendment, COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450.

Dec 15, 2004  
Date of Certificate

Lynn C. Fischer  
Lynn C. Fischer

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97**

In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith a Form PTO-1449 and a copy of the references listed thereon. This Information Disclosure Statement is being filed more than three months after the filing date, but before receipt of the first Official Action on the merits. Thus, it is believed by the undersigned attorney that no fee is required under 37 C.F.R. §1.97(b).

In the event that a fee is required, the Commissioner is authorized to charge Deposit Account No. 04-1406 of the undersigned attorneys. A duplicate copy of this sheet is enclosed.

In the opinion of the undersigned, the references submitted herewith are the most pertinent of which the undersigned is aware. However, no representation is

made or intended that more pertinent references do not exist.

This submission is not an admission that the references listed on the attached Form PTO-1449 constitute prior art against the claims of this application.

The Examiner is respectfully requested to confirm receipt and consideration of the cited references by initialing and returning a copy of the attached Form PTO-1449 in accordance with MPEP §609.

Early and favorable consideration of this application is respectfully requested.

Respectfully submitted,

DANN, DORFMAN, HERRELL & SKILLMAN  
A Professional Corporation  
Attorneys for Applicant(s)

By

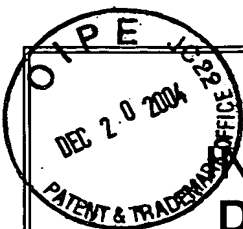
  
Kathleen D. Rigaut, Ph.D., J.D.  
PTO Registration No. 43,047

Telephone: (215) 563-4100

Facsimile: (215) 563-4044

Enclosures - Form PTO-1449

Copies of references listed on PTO - 1449



# INFORMATION DISCLOSURE STATEMENT

SHEET 1 OF 2

*Complete if known*

Application Number: 10/632,398

Filing Date: July 31, 2003

First Named Inventor: Herron, et al.

Group Art Unit: 1645

Examiner Name: Not yet assigned

Attorney Docket Number: 0380-P02960US1

## UNITED STATES PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT
	B1	WO 03/002738 A1	PCT	2003-01-09	Plant Bioscience Limited
	B2	CA-A-1 264 685	Canada	1990-01-23	Allelix Inc.
	B3	EP-A-0 445 385 A2	Europe	1991-09-11	Degussa

## OTHER PRIOR ART - NON-PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	ISBA Poster, "In Vitro Transposon Mutagenesis of the Streptomyces coelicolor A3(2) cosmid Library", Herron et al., August 2001
	C2	Gehring, AM et al (2000) "Genomewide insertional mutagenesis in Streptomyces coelicolor reveals additional genes involved in morphological differentiation", PNAS Vol. 97, No. 17, pp 9642-9647. 15 August 2000
	C3	Bierman M et al. (1992) "Plasmid cloning vectors for the conjugal transfer of DNA from Escherichia coli to Streptomyces spp.", Gene, Vol. 116, No. 1. pp 43-49. 1 July 1992
	C4	Kieser T (2000) "Chapter 6: Transposon mutagenesis in Streptomyces", Practical Streptomyces Genetics. The John Innes Foundation, Norwich, pp 109-123
	C5	Goryshin IY and Reznikoff WS (1998) "Tn5 in Vitro Transposition", J Biol Chem 273: 7367-7374
	C6	Goryshin IY et al (2000) "Insertional transposon mutagenesis by electroporation of released Tn5 transposition complexes", Nat Biotechnol 18: 97-100

EXAMINER'S  
SIGNATUREDATE  
CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE STATEMENT

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Examiner Name: Not yet assigned

SHEET 2 OF 2

Attorney Docket Number: 0380-P02960US1

	C7	Bishop et al (2004) "Systematic Insertional Mutagenesis of a Streptomyces Genome: A Link Between Osmoadaptation and Antibiotic Production", Genome Research Vol. 14, pp 893-900
	C8	Gust B et al (2003) "PCR-targeted Streptomyces gene replacement identifies a protein domain needed for biosynthesis of the sesquiterpene soil odor geosmin", PNAS 100, pp 1541-1546
	C9	Shevchenko Y et al (2002) "Systematic sequencing of cDNA clones using the transposon Tn5", Nucleic Acids Res. Vol. 30, pp 2469-2477
	C10	Pages from Epicentre website 23 July 2002

EXAMINER'S  
SIGNATURE

DATE  
CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.